







Yenuli Tharuka Obapitiya

Computer Science Undergraduate

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Profiles	 yenuliobapitiya	 Yenuli Tharuka Obapitiya
Summary	Computer Science undergraduate seeking an internship to gain industry experience in software engineering. Eager to learn, collaborate with professionals, and contribute to a dynamic team.	
Education	<div><div>Informatics Institute of Technology</div><div>BSc (Hons) Computer Science</div><div>May 2023 - Present</div></div> <div>1st Year Modules (Completed):<ul style="list-style-type: none">Computer Systems FundamentalsMathematics for ComputingTrends in Computer ScienceWeb Design and DevelopmentSoftware Development 1 (Python)Software Development 2 (Java)</div> <div>2nd Year Modules (Completed):<ul style="list-style-type: none">Object-Oriented ProgrammingDatabase SystemsSoftware Development Group ProjectAdvanced Client SideAlgorithms: Theory, Design & ImplementationClient-Server Architecture</div> <div><div>APJD - Advanced Professional Java Developer Program</div><div>Academy of Computer Programming and Training , Sri Lanka (ACPT)</div><div>2023</div></div> <div><div>American College of Higher Education</div><div></div><div>2023</div></div> <div><div>Sanghamittha Balika Vidyalaya, Galle</div><div></div><div>April 2008 - June 2021</div></div> <div><ul style="list-style-type: none">G.C.E A/L Examination: 2021 (2022 Feb)G.C.E O/L Examination: 2018</div>	
Projects	<div><div>MindBridge – AI-Powered Mental Health App</div><div>Nov 2024</div></div> <div><ul style="list-style-type: none">Technologies: Flutter, Node.js, Firebase, Python, NLPDeveloping a mobile application that provides AI-driven mental health support, including real-time mood detection, anonymous peer support, and personalized recommendations.</div> <div><div>Estate Agent Client-Side Web Application</div><div>Nov 2024</div></div> <div><ul style="list-style-type: none">Technologies: React.js, JavaScript, HTML, CSSBuilding a responsive single-page application (SPA) that allows users to search and filter properties by type, price, location, and other criteria using JSON data.Implements React UI components, local storage for favorites, and a responsive design for optimal user experience.</div>	

Projects	Netflix Clone (Full Stack)	Sep 2024
	<ul style="list-style-type: none">• Technologies: React.js, Firebase• Created a full-stack Netflix clone with a responsive interface using React.js and Firebase.• Integrated Firebase for authentication, data storage, and real-time dynamic content rendering.	
	QR Code Generator	July 2025
	Technologies : HTML, CSS, JavaScript, QRCode.js <ul style="list-style-type: none">• Built a responsive QR code generator with customizable size, color, and download options.• Used the lightweight qrcodejs library for dynamic QR rendering and deployed the app using GitHub Pages.	
	Weather App Website	April 2025
	Technologies: JavaScript, HTML, CSS, Weather API <ul style="list-style-type: none">• Developed a dynamic and responsive web application that fetches real-time weather data based on user input for city or location using an external Weather API.• Implements clean UI design with JavaScript for API integration, error handling, and interactive elements such as temperature display, weather icons, and location-based search.	
	Real-Time Event Ticketing System	Nov 2024
	<ul style="list-style-type: none">• Technologies: Java, Multi-threading• Developed a multi-threaded ticketing system simulating real-time booking using the producer-consumer pattern.• Implemented concurrency control, synchronization, and data integrity to handle simultaneous ticket release and purchases.• Ensured efficient performance by optimizing thread management and preventing race conditions.	
	Seat Booking System for Plane	Feb 2024
	<ul style="list-style-type: none">• Technologies: Java• Built a Java-based plane management system to automate ticket reservations and display seat plans.	
	Mark Prediction Software	Sep 2023
	<ul style="list-style-type: none">• Technologies: Python• Built a prediction software to assist students in forecasting their grades using Python	

Technical Skills	Language	Frameworks & Libraries
	Python , Java, HTML	React, Node, SpringBoot,Flutter
	Database	Developer Tools
	MySQL, Firebase	Figma, Postman

Languages	Sinhala	English
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References	GHS sandeepa	Saadh Jawwadh,
	Senior DevOps-R & D AI Engineering IFS R&D International (Pvt) Ltd Level 18, Orion Towers, 736 Dr Danister De Silva Mawatha, Colombo 09	Assistant Lecturer L5 SE Level Coordinator Computing Department Mobile: +94771817176 Informatics Institute of Technology No. 57 Ramakrishna Road Colombo 6 Sri Lanka